

Message

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Sent: 11/29/2019 5:47:47 PM
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Subject: HYSPLIT smoke plume forecast TPC fire:12 pm Fri 11.29.19

Here is the link to the latest HYSPLIT plume forecast, issued at 12 pm Friday 11/29/19.

<http://www.hysplit-pub.noaa.gov/hysplitpublic-bin/hyresults.pl?jobidno=23075>

Southeast winds will continue this afternoon with plume dispersion to the northwest of the incident site. The greatest concentrations will continue to be dispersed over the Port Neches area directly downwind of the incident. Elevated concentrations will continue downwind roughly paralleling TX 347 and the Neches River towards Beaumont. The plume direction will meander some through the day due to any small scale wind changes, but a general continued dispersion to the northwest is expected.

Winds will remain predominantly southeast this afternoon and remain at 10 to 20 mph. Visibility hovering around a mile will increase to around 4 miles as the afternoon progresses. Expect the fog to redevelop and move off Sabine Lake this evening and overnight with visibility reduced to 1/4 to 1/2 mile at times and last until mid to late morning.

The next cold front is expected to move through the area Saturday evening bringing a 50 percent chance of showers as well as isolated thunderstorms beginning in the afternoon. The main threat for lightning will begin around 3 pm and end around 9 pm. The main threat for severe weather should be across interior southeast Texas and northern Louisiana.